

Contents of *Aquatic Botany*, Volume 63

VOL. 63 NO. 1

FEBRUARY 1999

Localization of copper accumulated in <i>Rhynchosstegium riparioides</i> using sequential chemical extraction C. Mouvet (Orléans, France) and B. Claveri (Metz, France)	1
The susceptibility of benthic microalgae to periwinkle (<i>Littorina littorea</i> , Gastropoda) grazing in laboratory experiments U. Sommer (Kiel, Germany).	11
Plant growth and photosynthesis in the transition zone between land and stream K. Sand-Jensen (Hillerød, Denmark) and H. Frost-Christensen (København K, Denmark) .	23
The occurrence of UV-B absorbing mycosporine-like amino acids in freshwater and terrestrial microalgae (Chlorophyta) F. Xiong (Tempe, AZ, USA and Trebon, Czech Republic), J. Kopecky and L. Nedbal (Trebon, Czech Republic)	37
Seasonal dynamics in mixed eelgrass beds, <i>Zostera marina</i> L. and <i>Z. noltii</i> Hornem., in a Mediterranean coastal lagoon (Thau lagoon, France) T. Laugier, V. Rigollet and M.-L. de Casabianca (Sete, France).	51
Book reviews	71
Guide for Authors	77

VOL. 63 NO. 2

MARCH 1999

Rooting and vegetative propagation in <i>Laguncularia racemosa</i> C. Elster (Giessen, Germany) and L. Perdomo (Santa Marta, Colombia)	83
Preliminary evidence on the interdependent effect of currents and porewater geochemistry on <i>Thalassia testudinum</i> Banks ex König seedlings E.W. Koch (Cambridge, MD, USA)	95
<i>In situ</i> survival and development of <i>Posidonia oceanica</i> (L.) Delile seedlings L. Piazzi, S. Acunto and F. Cinelli (Pisa, Italy).	103
The ratio of transpiration versus evaporation in a reed belt as influenced by weather conditions M. Herbst and L. Kappen (Kiel, Germany)	113
Photosynthesis and stomatal conductance of <i>Juncus effusus</i> in a temperate wetland ecosystem C.J. Mann and R.G. Wetzel (Tuscaloosa, AL, USA).	127
Growth and resource allocation in response to flooding in the emergent sedge <i>Bolboschoenus medianus</i> S.J. Blanch, G.G. Ganf and K.F. Walker (Adelaide, Australia).	145

Short communication

- Integration of five Southeast Asian accessions into the world-wide phenetic relationships of *Hydrilla verticillata* as elucidated by random amplified polymorphic DNA analysis
P.T. Madeira, T.K. Van and T.D. Center (Fort Lauderdale, FL, USA) 161

VOL. 63 NOS. 3-4**APRIL 1999****Review**

- The effects of global climate change on seagrasses
F.T. Short (Durham, NH, USA) and H.A. Neckles (Lafayette, LA, USA) 169
- In vitro propagation of *Cryptocoryne wendtii*
M.E. Kane, G.L. Davis, D.B. McConnell and J.A. Gargiulo (Gainesville, FL, USA) 197
- Nutrient and mass allocation of South-east Asian seagrasses
J. Terrados (Girona, Spain), J. Borum (Hillerød, Denmark), C.M. Duarte (Girona, Spain),
M.D. Fortes (Quezon City, Philippines), L. Kamp-Nielsen (Hillerød, Denmark),
N.S.R. Agawin (Girona, Spain) and W.J. Kenworthy (Beaufort, NC, USA) 203
- Radial oxygen loss from intact roots of *Halophila ovalis* as a function of distance behind
the root tip and shoot illumination
E.L. Connell, T.D. Colmer and D.I. Walker (Nedlands, Australia) 219
- Maternal and paternal success among flower morphs in tristylous *Lythrum salicaria*
T.K. Mal, J. Lovett-Doust and L. Lovett-Doust (Ontario, Canada) 229
- Isozyme variation among populations of the clonal species, *Phragmites australis* (Cav.)
Trin. ex Steudel
D. Pellegrin and D.P. Hauber (New Orleans, LA, USA) 241
- Apparent lack of vesicular-arbuscular mycorrhiza (VAM) in the seagrasses *Zostera marina*
L. and *Thalassia testudinum* Banks ex König
S.L. Nielsen, I. Thingstrup (Roskilde, Denmark) and C. Wigand (Narrangasett, RI, USA) 261
- Littoral periphyton responses to nitrogen and phosphorus: an experimental study in a
subtropical lake
K.E. Havens, T.L. East, A.J. Rodusky and B. Sharfstein (West Palm Beach, FL, USA) 267
- Mangroves of the United Arab Emirates: ecotypic diversity in cuticular waxes at the
bioclimatic extreme
R.S. Dodd, F. Blasco (Toulouse, France), Z.A. Rafii (Marseille, France) and
E. Torquebiau (Toulouse, France) 291
- Competitive performance of *Hydrilla verticillata* in New Zealand
D.E. Hofstra, J. Clayton, J.D. Green and M. Auger (Hamilton, New Zealand) 305
- Book review** 325
- Contents of Aquatic Botany, Volume 63** 329

